

**STATE OF HAWAII
OFFICE OF THE DIRECTOR OF CIVIL DEFENSE**

FY2003 NOAA TSUNAMI FUNDS TO THE STATE OF HAWAII

(Enhancement Budget: \$274,000)

May 19, 2003

Statement of Work:

Description of work to be performed:

I. Mitigation Activities

1. Purchase of Emergency Operations Center (EOC) enhancements (e.g.. EOC modernization, display boards, computers, various equipment, cameras, etc.)
2. Participate in National Tsunami Hazard Mitigation Steering Committee meetings to review progress, establish priorities, and implement programs.
3. Logistically support meetings of the Hawaii State Civil Defense sponsored Tsunami Technical Review Committee (TTRC). TTRC provides statewide guidance on mitigation/mapping/modeling issues.
4. Reproduction of copies of the State Tsunami Safety Video.
5. Reproduction and purchase of public information materials.
6. Support existing public outreach programs of organizations such as NOAA/PTWC; University of Hawaii; Hawaii Volcano Observatory; State and County Civil Defense, Pacific Tsunami Museum; etc. Outreach programs include Tsunami Awareness Month; web sites; videos, public forums; school curriculum development; school essay contests, dramatic arts productions; etc.
7. Other appropriate tsunami projects and activities identified during the course of the performance period.

II. Mapping/Modeling Activities

1. Conduct Tsunami Modeling and Mapping Projects.
2. Follow up work on Development and Coordination of Tsunami Observer Program /Post Tsunami Survey Plan.
3. Conduct Tsunami Field Investigations.
4. Post Disaster Technical Clearinghouse development.
5. Membership in Scientific Organizations.
6. Other appropriate tsunami projects and activities identified during the course of period of performance.

Period of Performance: From receipt of funds through June 2004

Budget: \$274,000

Labor:	Personnel costs provided by the State of Hawaii	\$ 0
	Part Time Administrative Support	\$ 10,000
	Contract labor and material costs to conduct 2-Dimensional Numerical Model Mapping	** \$100,000
	Contract labor and material costs to develop bathymetric & topographic model output databases	\$ 50,000
Travel:	Travel and per diem to state and national tsunami / earthquake meetings. (5 persons x 4 State mtgs. @ \$200 ea. , 2 persons x 2 National mtgs. @ \$1500 ea., and 20 persons volunteer intra state travel @\$200 ea.)	\$ 14,000
Equipment:	EOC Enhancements (see mitigation activities)	\$ 74,000
Supplies/Materials/Administration:		
	Logistically Support TTRC Meetings and Projects	\$ 25,000
	Reproduction of brochures and videos	\$ 1,000

Total Available Funds:	\$ 274,000
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(Note: Figures may be reallocated during course of performance period)

** 2004 Mapping Project: Evaluation of Current Tsunami Evacuation Maps for Hawaii.

Statement of Work: The current Hawaii tsunami evacuation maps published in the telephone books were created in the 1989-1991 using 1-dimensional numerical models (Curtis, 1991). The proposed project will evaluate and enhance the evacuation maps at selected locations using a 2-dimensional numerical model.

Deliverables: This project will produce revised inundation maps at selected locations for future revisions of the tsunami evacuation maps.

Contract Performance Period: 12 –18 months.